

CONTRACT# N40085-08-B-0407
PROJECT #: 8M004CN
MAXIMO#: 4104630

TITLE: REPAIR THE POOL CEILING, M139

ATTACHMENTS: Drawing A

SCOPE OF WORK: The contractor shall provide all material, labor, equipment and supervision required to accomplish the following:

General description – Remove existing plaster and metal lath from ceiling in pool area. Patch all holes, cracks or weak areas in concrete ceiling surface and apply a Flexible Membrane coating to entire pool ceiling surface. Work to be completed at Montford Point Pool, bldg M139.

Detailed requirements and specifications –

Structural:

1. Contractor shall:
 - A. Demo all existing plaster and metal lath from specified sections of the pool ceiling. This will include ¼ inch power actuated fasteners, metal lath and plaster complete to the existing concrete surface. Area of plaster removal is approximately 6000 sq ft.
 - B. Sound (“sounding” is tapping with a hammer over the entire surface of the roof to detect weak areas) pool ceiling area complete to determine areas of loose, weak, cracked, spalling concrete. Suspect areas will be chipped out to solid concrete and prepared for patching. Missing, cracked or weak areas in the concrete ceiling are approx from 20 sq inches up to 110 sq inches in surface area. Expect to find 20 such areas of spalling concrete needing repair
 - C. Pressure wash concrete surface area of ceiling where plaster and metal lath were removed, to remove any remaining material that will prevent a good bond with new ceiling material. Allow 3 days drying time before applying surface conditioner.
 - D. Clean pool area and dispose of debris.
2. New work:
 - E. Patch all holes in concrete surface with a two-component system consisting of a base aggregate and solidifier that contains high molecular

lightweight polymer filled with low density, non-metallic aggregate with a compressive strength of at least 3000 psi, such as Belzona 4141 with appropriate conditioner or equaliviant.

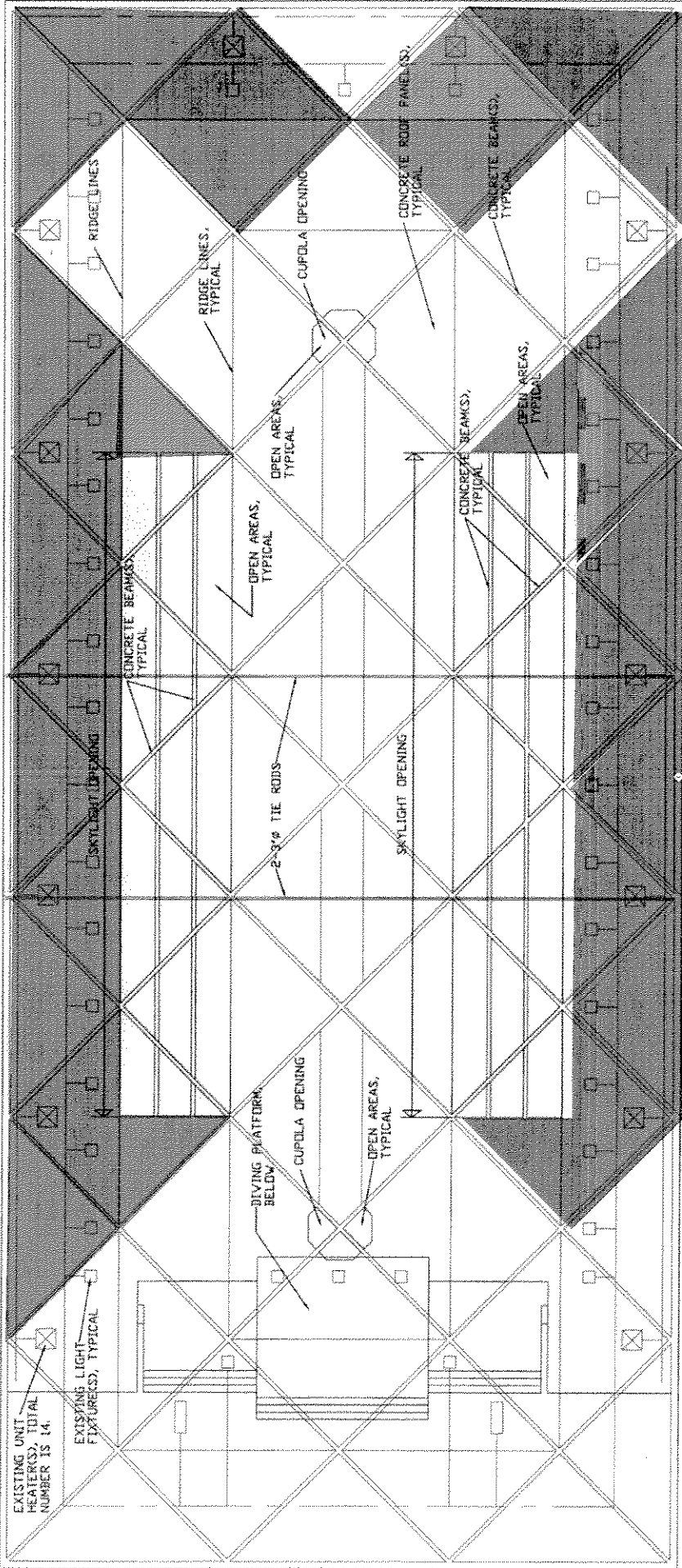
- F. Cover pool area ceiling surface, including concrete girders down to the top of the windows, with a Flexible Membrane, single component formulated acrylic ester copolymer emulsion with a density of 1.25 – 1.28 g/cm³ and a tear strength of 188 pli lengthwise and 188 pli crosswise such as Belzona 3111 or equaliviant. Color to match existing paint in pool area. The appropriate conditioner will be applied to surfaces, as recommended by the manufacturer, prior to installation of the flexible membrane.
- G. Contractor shall prevent staging or scaffolding, if used, from damaging pool area.

Electrical:

- A. The contractor shall remove approximately 30 light fixtures and conduit down to the junction box, from the ceiling as necessary to facilitate removal of plaster and application of the flexible membrane behind the light fixture and conduit.
- B. The contractor shall store and save fixtures for future reinstallation.
- C. The contractor shall reinstall light fixtures and conduit to original locations.
- D. The contractor will ensure Light fixtures are operational at completion of work.

General:

- A. Site work cannot start until 16 February 2008. The Contract Completion Date (CCD) is 17 April 2008.
- B. The pool will be drained and available for work at all times during the period of 16 February 2008 to 17 April 2008.



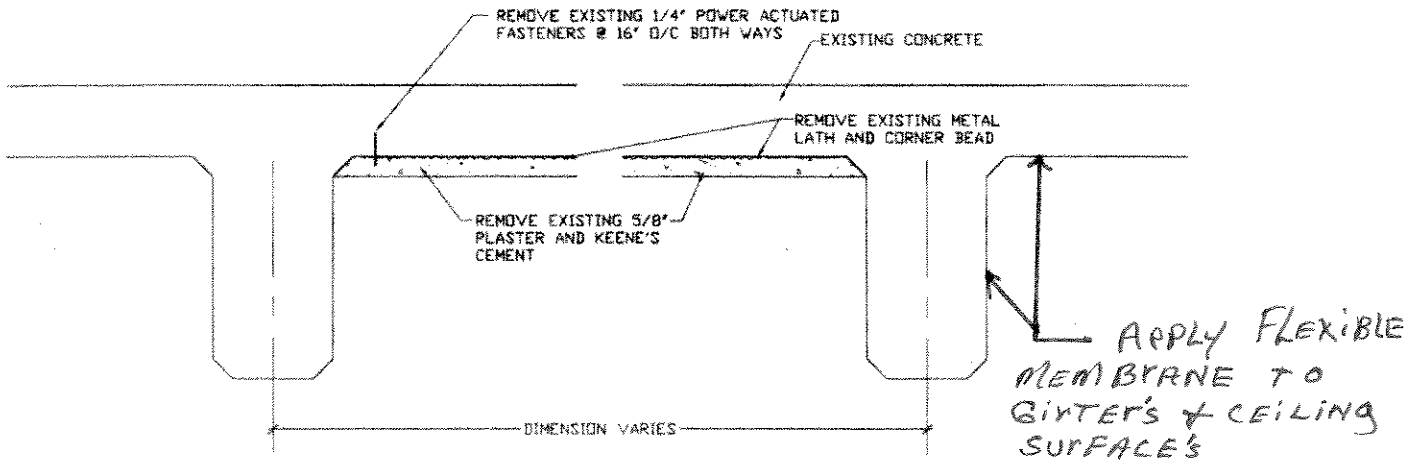
NOTE: SEE REFERENCE DRAWINGS FOR ALL EXISTING CONSTRUCTION INFORMATION FOR POOLS. SEE SHEETS A-2, A-3, A-4 AND A-5 FOR AREAS OF CEILINGS OF POOLS REQUIRING REPAIR.

GENERAL REFLECTED CEILING PLAN

(TYPICAL FOR BUILDINGS M-139, 236 AND 540)

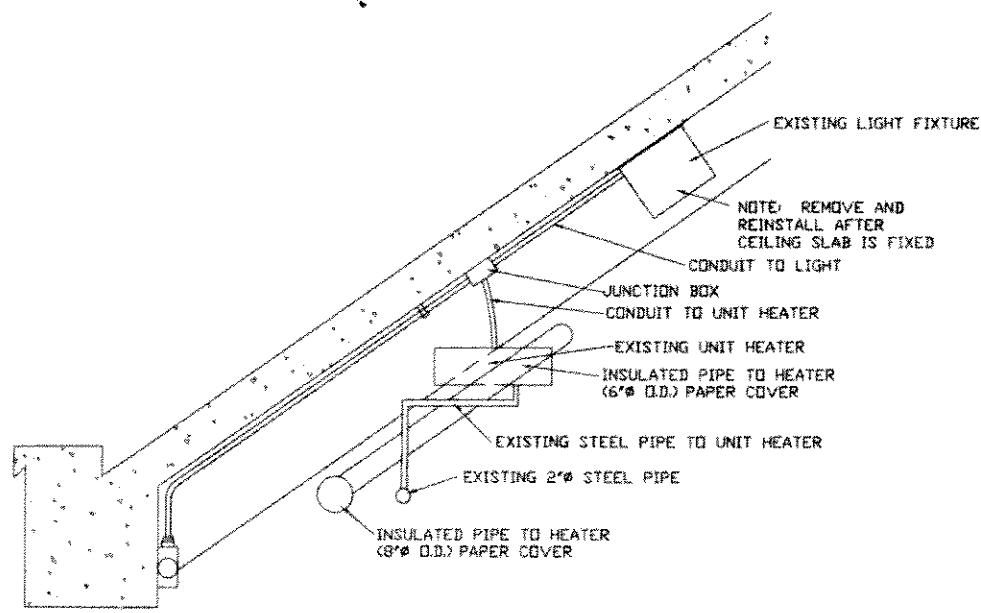
SCALE: 1/8" = 1'-0"

Shaded area represents the plaster and metal lath areas to be removed.



TYPICAL DETAIL FOR REMOVING EXISTING PLASTER

SCALE 3"-1'-0"



TYPICAL DETAIL FOR LIGHTING AND HEATING UNITS

N.T.S.